SCTP Nat Support

Status

- Wg version has been submitted (-00).

- Need WG feedback PLEASE!

- Michael Tuexen has committed to provide feedback from some of the research his lab has done.

- This document is implemented in FreeBSD (but I still have not had time to test the work .. But I did finally get it installed on one of my machines :-o)

SCTP Stream Reset

Finally a few comments ;-)

For all the chatter….

- There have been ten people responding (3 of which are co-authors :-D)

- General Summary of respondents is as follows:

	For	Against	Don't Care
Add Stream	10	0	0
SSN Reset	7	1	2
TSN/SSN Reset	6	1	3

For all the chatter….

- None of the in-band proponents have explained to me how things get simpler with in-band (since you still need an out-of-band mechanism to do ADD).

- I have pledged to come up with a use-case document (Submitted yesterday) to illustrate uses of the various mechanisms (for the one opponent to all but add)… note I won't have any use-case for Delete (others need to come up with that one). Its drafty yet, but can be found at:

    - http://www.ietf.org/id/draft-stewart-tsvwg-reconfuse-sctp-00.txt
    (Please read and comment..There hopefully will be more to come)

SCTP ECN

Sneaking this in…

Status

- Written in response to requests at Maastricht.

- After writing re-implemented it in FreeBSD implementation (as part of some Data-Center Congestion Control work I was doing http://www.freebsd.org/~rrs/dc_cc.pdf).

- Found several area's specific to Multi-homing that the current text does not address .. i.e. I need to update this to describe these caveat's I have discovered (Bundling requirement, additional procedures to handle multi-homing properly).

- After a re-spin I think it could be adopted as a WG item to complete…